

WHAT IS CLAIMED IS:

- 5 1. A plinth for supporting a diode having a casing and being further adapted for the diode casing to be welded on the plinth, the plinth including a plug portion adapted to be force-fitted into an aperture and defining an axis of the plinth, wherein the plinth further includes an abutment portion projecting with respect to the plug portion in a direction radial to the said axis.
- 10 2. A plinth according to Claim 1, wherein the abutment portion has an upper engagement face oriented away from the plug portion and defining a flat upper engagement zone at right angles to the said axis.
- 15 3. A plinth according to Claim 2, defining a cavity for receiving a said diode, with the upper engagement face projecting from the said cavity in the axial direction.
- 20 4. A plinth according to Claim 1, wherein the abutment portion has a lower engagement face oriented towards the plug portion and defining a flat lower engagement zone at right angles to the said axis.
5. An assembly comprising a diode having a casing and a plinth according to Claim 1, the said casing being fixed to the plinth.
- 25 6. An assembly according to Claim 5, wherein the abutment portion of the plinth is interposed between the diode and the plug portion in the axial direction.

7. An assembly according to Claim 5, wherein the abutment portion of the plinth projects from the diode in a direction radial to the axis.

5 8. An alternator including a support having a hole, and an assembly according to Claim 5 with the plug portion of the plinth force-fitted into the said hole in the support.

10 9. An alternator according to Claim 8 having a stator disposed to one side of the said support, the abutment portion of the plinth being on the other side of the support.

10. An alternator according to Claim 8, wherein the said hole is a blind hole.

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D2